

python / cpython Public

<> Code Issues 5k+ Pull requests 2.2k Actions Projects Security and q

# gh-118643: Fix AttributeError in the email module #119099

Merged

serhiy-storchaka merged 3 commits into python:main from

serhiy-storchaka:email-comma-afte... on May 22, 2024

Conversation 15

Commits 3

Checks 0

Files changed 3



serhiy-storchaka commented on May 16, 2024 • edited by bedevere-app Bot

Member

Fix regression introduced in [gh-100884](#): AttributeError when re-fold a long address list.

Also fix more cases of incorrect encoding of the address separator in the address list missed in [gh-100884](#).

- Issue: [Error parsing email headers: AttributeError: 'ValueTerminal' object has no attribute 'fold' #118643](#)



pythongh-118643: Fix AttributeError in the email module

ad85b83



serhiy-storchaka added needs backport to 3.11 needs backport to 3.12 needs backport to 3.13 labels on May 16, 2024



serhiy-storchaka requested a review from a team as a code owner 2 years ago



bedevere-app Bot added the awaiting core review label on May 16, 2024



bedevere-app Bot mentioned this pull request on May 16, 2024

**Error parsing email headers: AttributeError: 'ValueTerminal' object has no attribute 'fold' #118643**

Closed

**serhiy-storchaka** commented [on May 16, 2024](#)

Member

Author

[@pablogamboa](#), as an exception, I think that this should be backported to 3.11. It fixes a bug introduced in the last bugfix release of 3.11, and all `email` issues are potentially security issues.

**pablogamboa** commented [on May 16, 2024](#)

Contributor

Think that was for [@pablogsal](#) !

**serhiy-storchaka** commented [on May 16, 2024](#)

Member

Author

Sorry.  I think it is not the first time of referring the wrong Pablo. 

**mgmacias95** commented [on May 16, 2024](#)

Contributor


Hello [@serhiy-storchaka](#),

I just tested this with the email that originally motivated me to open [#118643](#) and the result is not correct. I will come back tomorrow with more details on exactly what is happening.

**mgmacias95** commented [on May 17, 2024](#)

Contributor

Hello again,

I think I was a bit sleepy when I tested this last night  because I tested this again this morning and it worked as expected. Sorry for the noise and thank you for looking into this!

Hello [@serhiy-storchaka](#),

I just tested this with the email that originally motivated me to open [#118643](#) and the result is not correct. I will come back tomorrow with more details on exactly what is happening.



**mgmacias95** reviewed [on May 17, 2024](#)

[View reviewed changes](#)

> Lib/email/\_header\_value\_parser.py Outdated Show resolved

Update Lib/email/\_header\_value\_parser.py 62125d7

**serhiy-storchaka** commented on May 17, 2024 Member Author

Thank you [@mgmacias95](#) for testing this with real world examples.

1

Merge branch 'main' into email-comma-after-fold 181e2d4

**serhiy-storchaka** enabled auto-merge (squash) [2 years ago](#)

**serhiy-storchaka** merged commit [858b9e8](#) into `python:main` on May 22, 2024

**bedevere-app** Bot removed the awaiting core review label on May 22, 2024

**miss-islington-app** Bot commented on May 22, 2024

Thanks [@serhiy-storchaka](#) for the PR 🙌🎉... I'm working now to backport this PR to: 3.11, 3.12, 3.13.  
🍷🍒🧙‍♀️ I'm not a witch! I'm not a witch!

**miss-islington** pushed a commit to miss-islington/cpython that referenced this pull request on May 22, 2024

[pythongh-118643](#): Fix AttributeError in the email module ([pythonGH-119099](#)) 6d4b54f

**miss-islington** pushed a commit to miss-islington/cpython that referenced this pull request on May 22, 2024

[pythongh-118643](#): Fix AttributeError in the email module ([pythonGH-119099](#)) d111cba

**bedevere-app** (Bot) commented on May 22, 2024

[GH-119389](#) is a backport of this pull request to the [3.13 branch](#).

 **bedevere-app** (Bot) removed the **needs backport to 3.13** label on May 22, 2024

**miss-islington-app** (Bot) commented on May 22, 2024

Sorry, [@serhiy-storchaka](#), I could not cleanly backport this to **3.11** due to a conflict. Please backport using [cherry\\_picker](#) on command line.

```
cherry_picker 858b9e85fcdd495947c9e892ce6e3734652c48f2 3.11
```




 **miss-islington-app** (Bot) assigned [serhiy-storchaka](#) on May 22, 2024

**bedevere-app** (Bot) commented on May 22, 2024

[GH-119390](#) is a backport of this pull request to the [3.12 branch](#).

 **bedevere-app** (Bot) removed the **needs backport to 3.12** label on May 22, 2024

 **serhiy-storchaka** deleted the **email-comma-after-fold** branch [2 years ago](#)

 **serhiy-storchaka** added a commit to [serhiy-storchaka/cpython](#) that referenced this pull request on May 22, 2024

 [\[3.11\]](#) [pythongh-118643](#): Fix AttributeError in the email module ([pytho...](#)) ... [9bfb6ae](#)

32 hidden items

[Load more...](#)


**bedevere-app** Bot commented on [May 22, 2024](#)

[GH-119393](#) is a backport of this pull request to the [3.11 branch](#).

 **bedevere-app** Bot removed the **needs backport to 3.11** label on [May 22, 2024](#)


 **serhiy-storchaka** added a commit that referenced this pull request on [May 22, 2024](#)

 [\[3.13\]](#) [gh-118643](#): [Fix AttributeError in the email module \(GH-119099\)](#) (G... ... [6892b40](#)

 **serhiy-storchaka** added a commit that referenced this pull request on [May 22, 2024](#)

 [\[3.12\]](#) [gh-118643](#): [Fix AttributeError in the email module \(GH-119099\)](#) (G... ... [8c96850](#)

 **pablogsal** pushed a commit that referenced this pull request on [May 23, 2024](#)

 [\[3.11\]](#) [gh-118643](#): [Fix AttributeError in the email module \(GH-119099\)](#) (#... ... [4762b36](#)

**bedevere-bot** commented on [May 23, 2024](#)

## **Buildbot failure**

Hi! The buildbot **AMD64 RHEL8 FIPS Only Blake2 Builtin Hash 3.11** has failed when building commit [4762b36](#) .

What do you need to do:

1. Don't panic.
2. Check [the buildbot page in the devguide](#) if you don't know what the buildbots are or how they work.
3. Go to the page of the buildbot that failed (<https://buildbot.python.org/all/#builders/962/builds/1515>) and take a look at the build logs.
4. Check if the failure is related to this commit ( [4762b36](#) ) or if it is a false positive.
5. If the failure is related to this commit, please, reflect that on the issue and make a new Pull Request with a fix.

You can take a look at the buildbot page here:

<https://buildbot.python.org/all/#builders/962/builds/1515>

Failed tests:

- test.test\_multiprocessing\_fork.test\_processes
- test.test\_multiprocessing\_forkserver.test\_processes
- test.test\_multiprocessing\_spawn.test\_processes

Failed subtests:

- test\_empty\_authkey -  
test.test\_multiprocessing\_forkserver.test\_processes.WithProcessesTestListener.test\_empty\_authkey
- test\_empty\_authkey -  
test.test\_multiprocessing\_fork.test\_processes.WithProcessesTestListener.test\_empty\_authkey
- test\_empty\_authkey -  
test.test\_multiprocessing\_spawn.test\_processes.WithProcessesTestListener.test\_empty\_authkey

Summary of the results of the build (if available):

==

▶ Click to see traceback logs

**bedevere-bot** commented [on May 23, 2024](#)

## **Buildbot failure**

Hi! The buildbot **AMD64 Arch Linux Usan 3.11** has failed when building commit [4762b36](#) .

What do you need to do:

1. Don't panic.
2. Check [the buildbot page in the devguide](#) if you don't know what the buildbots are or how they work.
3. Go to the page of the buildbot that failed (<https://buildbot.python.org/all/#builders/964/builds/1260>) and take a look at the build logs.
4. Check if the failure is related to this commit ( [4762b36](#) ) or if it is a false positive.
5. If the failure is related to this commit, please, reflect that on the issue and make a new Pull Request with a fix.

You can take a look at the buildbot page here:

<https://buildbot.python.org/all/#builders/964/builds/1260>

Summary of the results of the build (if available):


▶ Click to see traceback logs



**JelleZijlstra** mentioned this pull request [on May 28, 2024](#)

### backport a9a74da 3.13 #119642

 Closed

 **estyxx** pushed a commit to estyxx/cpython that referenced this pull request [on Jul 17, 2024](#)

 [pythongh-118643: Fix AttributeError in the email module \(pythonGH-119099](#)  [c068bee](#)

  **medmunds** mentioned this pull request [on Feb 27, 2025](#)

**[3.10] gh-80222: Fix email address header folding with long quoted-string (GH-122753)**  
[#129111](#)

 Merged

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#### Reviewers

1 more reviewer

 **mgmacias95**



#### Assignees

 **serhiy-storchaka**

#### Labels

None yet

#### Projects

None yet

#### Milestone

No milestone

#### Development

Successfully merging this pull request may close these issues.

None yet

4 participants

